## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.

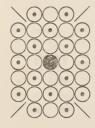


63.11

1899.



WHOLESALE OFFER OF



Hardy Cacti,

Rare Colorado Conifers, AND

Novelties in Shrubs and Plants.

OF THE

ROCKY MOUNTAIN REGION.

D. M. ANDREWS,

Boulder, Colorado, U. S. A.

### & & GREETING & &

As this catalogue will reach many new addresses this season, the following statement may help you, kind reader, to locate us properly among the many applicants for your esteemed patronage. A number of seasons ago, in addition to a horticultural occupation, prompted by a natural inclination, and by an appreciation of their ornamental merit, we were led to offer various native Colorado shrubs and plants, which to our great pleasure were very kindly appreciated by growers both in this country and abroad. Very soon the "side issue" became the leading one, and a growing one, till at present our sole aim is to supply in the best possible manner the trees, shrubs and plants which we have found to be the most salable, and after careful trial to be the most desirable in the various places to which they are adapted. A few of these are nursery grown, the others are carefully collected, and only such sorts are offered as may be successfully transplanted with ordinary care. As rapidly as possible we propose to offer choice nursery grown stock of others which are yet too scarce to be available for this list.

As to hardiness, our nursery is situated at the foot of the Front Range of the Rocky Mountains, at altitude of 5,500 feet above sea level. It is no unusual thing for the winter temperature to fall to twenty degrees below zero and sometimes with little or no snow on the ground. All the plants we offer are perfectly hardy here, and nearly all will survive a much colder climate.

We take this opportunity to thank our clients for their substantial encouragement in the past, which to no small degree enables us at the present time to assure better and more prompt service than ever before. We cordially invite a

continuance of your favors. (For Terms see last page.)

Yours Truly,

D. M. ANDREWS,
Boulder, Colorado.

#### HARDY CACTI.

Our introduction of these useful and interesting plants a few seasons ago has opened up new possibilities in permanent planting, and seems to be filling a long felt want, for something extremely hardy both against cold and drought. These have a further advantage of being effective both winter and summer, and while in bloom few plants can rival them in splendor.

All these endure safely, a winter temperature often exceeding 20 degrees below zero. The chief precaution being to avoid stagnant moisture at the roots especially during winter. On the plains the clumps are usually found growing upon a slight mound produced by the lodgment of dust, sand and other debris blown about by the wind. This will suggest a soil in which humus and sand are prominent factors; to which broken stone, limestone preferred, may be added with good results. The low mound culture may well be imitated.

The Opuntias are especially adapted to planting extensive areas which would be too dry or sandy for anything else. The wonderfully distinct character of each of the sorts we offer will prevent any degree of monotony from extensive use. Remember we are headquarters for all "Hardy Cacti" and our prices are below competition.

- Note. The Opuntias are offered in cases con- Opuntia Camanchica. One of the most showy taining one and one-half bushels, with no extra charge for case or packing. At the prices named, cases cannot be assorted nor less than one case sold of one kind; however. as an accommodation we will sell half cases of any one kind at the same rate, plus 25 cents extra on each half case, extra cost to us.
- Opuntia arznaria. This new Opuntia is related to the O. fragilis but has flat round joints 2 inches in diameter; spines very long, straw color, or varying to purple. Flowers yellow or purplish. Quite rare. Per case of 11/2 bushels, \$4.00; 5 cases, \$18.00.
- of all, bearing an abundance of large yellow flowers, followed by the large crimson fruit. which ripens early and remains perfect until late winter. The joints are large, nearly orbicular in outline, very glaucus, and the upper half is clothed with long stout spreading spines in beautiful shades of white, straw, red, purple and black. Extra select stock, per case, \$300; 5 cases, \$13.00; 10 cases, \$25.00; 100 cases, \$200.00.
- Opuntia Camanchica gigantea. This remarkable plant seems to be a gigantic variety of the last, and is so classified temporarily. It is a

recent discovery, and the stock is limited. Some of the joints are 12 inches or more in length. In other respects it resembles the last species, except the joints are covered with a purple glaucus bloom while in some plants the purple color even extends to the flesh of the plant. A most striking plant, which has occasioned much surprise and admiration where ever exhibited. Offered now for the first time. Per case, \$5.00.

Opuntia fragilis. This has the smallest joints of any, oval and about one inch long. Very spiny, and soon forms neat compact clumps. Flowers deep yellow. Per case \$4.00; 5 cases \$18.00.

Opuntia mesacantha Greenii. (O. Rafinesquii Greenii.) This has few spines, the joints are oblong and dark green. The most abundant bloomer of all. Fruit purple. Per case \$2.25; per 10 cases \$20.00.



Opuntia mesacantha Greenii.

Opuntia polycantha. (Opuntia Missouriensis.) A handsome species, and remarkably spiny. Spines long, very stout and in lovely shades of yellow and brown. Flowers yellow to orange. Extra choice stock. Per case \$2.50; per 10 cases \$20.00; per 100 cases \$175.00.

Opuntia polycantha albispina. White Spined Opuntia. A varity of the last with pure white spines; those on the older joints often elongated and curled or twisted. Very distinct and showy. Per case \$3.00; per 10 cases \$25.00.

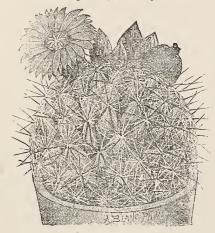
Opuntia polycantha, (dark spined.) A variety with purple and black spines, very long and stout. Joints smaller, flowers orange or tinged purple. Supply limited. Per case \$4.00; per 5 cases, \$18.00.



Echinocereus viridiflorus. Green flowered Cereus. This is especially beautiful on account of the red, purple and white spines with which the plant is covered, the colors being often arranged in circular bands about the plant. Mag-

nificent stock. \$3.00 per 100, \$20.00 per 1000, \$75.00 per 5000.

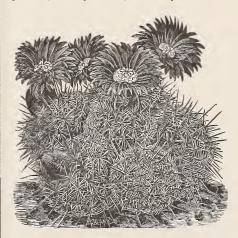
Cactus (Mamillaria) Missouriensis. Missouri or Nipple Cactus. Tubercles long, each one tipped with a star of gray spines. Flowers yellow or orange quite numerous, followed the next spring by scarlet berries. \$3.00 per 100, \$25.00 per 1000. Cactus viviparus. Purple Cactus. Whole plant covered with purple and white spines. Flowers very large and showy, bright purple, plant extra hardy and a good bloomer. Quite rare. Large plants and clusters, \$20.00 per 100. Smaller plants, \$15.00 per 100.



Cactus viviparus.

Echinocactus Simpsoni. Hedgehog Caetus. Plant nearly hidden by various colored spines,

ranging from white through shades of straw, yellow, brown, purple to black. Very fine bloomer, flowers from shell-pink to bright rose. A vigorous grower. Extremely hardy, one of the few Echinocacti to grow in clusters. Immense stock. Extra choice plants including many pairs, triplets and clusters, \$4.00 per 100, \$30.0 per 1000, \$125.00 per 5000.



Echinocactus Simpsoni.

#### COLORADO CONIFERS.

Several of the Colorado Conifers have already a world-wide reputation. Others have only to be introduced to attain as general popularity. All the following are superior collected stock from the open hillside and far enough above the plain to be in the rain belt, all of which tends to make good fiberous roots, thrifty tops, and plants which will stand transplanting much better than those taken from shady woods, or even from crowded nursery rows.

Owing to the lateness of the spring in the mountains no collection of Conifers can be done until fall; as late spring collecting would necessitate shipment during hot weather. Orders should be given now, so that ample preparations can be made in advance of the collecting season which is necessarily short.

Where less than twenty-five or more than 100 of one kind are required, kindly send a list for special estimate. Large sizes and specimen plants can be furnished of most kinds. Packing and boxing is done in the most thorough manner and for which there is no extra charge.

Abies subalpina. Colorado Silver Fir. A tree of very symetrical growth, usually with silvery foliage, leaves long, and soft to the touch. Extra choice stock 1-2 feet, \$15.00 per 100.

Juniperus Communis alpina. Prostrate Juniper. Very hardy, and useful in a great many places. Our Colorado form often has beautiful silvery foliage. Very bushy plants, about 1 foot. \$10.00 per 100.

Juniperus Virginiana glauca. Colorado Silver Cedar. A rapid growing symetrical tree, with silvery foliage, very distinct. 6-12 inches, \$12.00 per 100. 1-2 feet, \$16.00 per 100.

Picea pungens. Colorado Blue Spruce. Needs no introduction nor description. We have access to one of the finest stations of this spruce in Colorado, of especially good color. 1-2 feet, \$15 per 100%

Pinus flexilis. Colorado Nut Pine. Related to *P. Strobus* but very distinct in appearance. Foliage abundant. dark gray-green, very rapid grower, and very hardy, found at an altitude in Colorado of 10,000 feet. Transplants easily, and is in every respect worthy of highest commendation. Excellent straight stock, 1-2 feet, \$10.00 per 100; 2-3 feet, \$15.00 per 100.

Pinus Murrayanus. Short leaved, or Spruce Pine. Yellowish green short stiff foliage, in striking contrast among other Conifers. Dense pyramidal habit of growth, and a most excellent tree. 1-2 feet, \$15.00 per 100.

Pinus ponderosa var. Scopulorum. Western Yellow Pine. A large growing tree, of massive habit of growth, very desirable. 1 foot, \$10.00 per 100.

Pszudotsuga Douglasii. Douglas Spruce. A most graceful tree, foliage light green, soft, and handsomely disposed upon the branchlets. Extra choice stock, 1-2 feet, \$1.50 per 100.

15.

# RARE NOVELTIES AND SPECIALTIES IN COLORADO SHRUBS AND PLANTS.

Amelanchier alnifolia. Upland June Berry. 4 feet. A dwarf, ornamental flowering shrub, with showy edible fruit. Flowers greatly resembling Clematis paniculata, and very fragrant. Thrives even in very dry soil. Excellent collected stock. 1 foot, \$3 00 per 100; \$25.00 per 1000.

Bigelovia gravelens. Golden Feather. 3 6 feet. This is one of the best plants we have on our list, and is now, we believe, offered for the first time. It is a vigorous shrub of neat, compact, habit, and extremely hardy, moreover, it is of easiest culture and will thrive in any ordinarily fertile soil, either quite moist or very dry. The foliage is abundant, narrowly linear, silvery gray, giving a light, graceful appearance to the plant. The great beauty of the plant, however, is in the flowers, which are bourn in great golden plumes at the end of every branch. The individual heads are not large but are quite long, and every part of the flower as well as the involucre is of the same deep golden yellow. The bright yellow buds appear late in summer and the flowers do not fade until severe frost, giving an unusually long blooming season. The flowers are very fragrant and the plants have no ill odor as the specific name implies, except on drying. Extra strong, well rooted collected stock, 1-2 feet, \$10.00 per 100.

Bigelovia graveolens var. Albicaulis. 1 foot. A low growing form of the above, with smaller plumes but very desirable. Excellent for low hedges or edgings. \$6.00 per 100.

Cerocarpus parvifolius. Mountain Mahogany, 6 feet. A nearly evergreen Rosaceous shrub of peculiar and attractive habit of growth. Flowers white, early, followed by the long plumose achens, which are three to five inches long, strangely curled and twisted, arranged above and on each side of the slender branches, so that at a little distance they have an appearance suggestive of Ostrich plumes. Easily transplanted and thrives anywhere. Strong bushy stock 1-2 feet, \$8.00 per 100; light stock 6-12 inches, \$3.00 per 100, \$25.00 per 1000.

Clematis Douglasii. Mountain Leather Flower. 1 foot. One of the finest of spring blooming perennials, flowers handsome deep blue, similar in shape but much larger and more showy than those of Clematis Crispa, foliage silky gray, beautifuly cut into almost linear segments. Seed heads very plumose and quite conspicuous. This and the next are perfectly erect non-climbers Extra fine clumps, \$8.00 per 100.

Clematis Fremontii. Fremont's Leather Flower.

I foot. Very distinct from the proceeding species, leaves entire, flowers pale blue and appearing later. A handsome and conspicuous plant during the entire season of growth. Quite rare. Strong nursery grown

clumps, \$10.00 per 100.

Eryngium yuccaefolium. Yucca-leaved Eryngo. 4 feet. One of the very few extremely hardy plants having a rank, tropical habit of growth. Heads and involucres white, leaves pale glaucus, linear, two to three feet long. May be planted in isolated clumps or among shrubbery etc. Strong nursery grown plants, \$4.00 per 100.

Euphorbia robusta. Rocky Mountain Spurge. 1 foot. A very neat perennial, of compact, upright growth. Valuable for its symetrical shape and ornamental foliage, especially adapted for edgings, borders of beds etc. and does not produce suckers nor spread from the root; any soil. Extra strong plants, \$5.00 per 100; \$30.00 per 1000.

Gentiana Bigelovii. Clustered Blue Gentian. 6 inches. This comparatively new plant is of

very easy culture, and ranks high in ornamental merit. It soon forms large clumps, often 40 to 50 stems from a single plant, each bearing from 10 to 20 rather large bright blue axillary and terminal flowers. The plants I offer are extra strong, well rooted clumps. \$5.00 per 100.

Gentiana Parryi. Parry's Blue Gentian. 1 foot. A large, robust species with much the habit of the well known G. Andrewsii, but the flowers are open-bell-shaped, and very deep, intense blue. Strong clumps, collected only in autumn. \$5.00 per 100, \$30.00 per 1000.

Liatris punctata. Western Button Snakeroot. 1½ feet. An early, dwarf very handsome species, bearing flowers nearly the whole length of the stems, of which a number arise from one root. Choice collected tubers, \$2.00 per 100, \$12.00 per 1000.

Lonicera involucrata. Bush Honeysuckle. 4 feet. Luxuriant foliage, yellow flowers, and conspicuous purple involucres, half inclosing the dark crimson fruit. Makes fine compact clumps. Good collected stock, 1-2 feet, \$4.00 per 100; \$35.00 per 1000.

Lithospermum multiflorum. Panicled Puccoon. 1½ feet. Very free blooming, branched from the root, flowers tubular golden yellow. One of the best of this interesting genus. Strong

roots \$5.00 per 100.

Physostegia Virginica alba. White Lion's Heart. 3 feet. A variety of this handsome plant with snow white flowers; blooms continuously from early summer till frost. A great aquisition Nursery grown clumps \$8.00 per 100.

Rosa Arkansana. Arkansas or Prairie Rose. 1 foot. A very dwarf, free blooming species; will grow in almost any soil, and is very useful for covering barren places. Choice collected \$4.00 per 100, \$30.00 per 1000.

Rosa Fendleri. Winter Berry Rose. 4 feet. This is the best shrub we have seen for ornamental winter fruit display. The berries are very abundant, bright coral red, ripen in early autum and remain on the branches and in perfect condition all winter and often until the new growth begins in spring. The foliage is small and deeply serrate, and the large single flowers are very attractive. Choice collected plants, \$4.00 per 100; \$30.00 per 1000.

Rubus deliciosus. Flowering Thimble Berry. 5 feet. Few shrubs can compete with this in beauty either of flower or foliage. growth is perennial and of compact twiggy The foliage abundant, beautifully habit. lobed and crenate, so that while the leaves are large, the effect is bold without appearing coarse. During the long blooming season, in early summer, the foliage is almost smothered in clouds of snow white flowers as large as single roses. The canes are very much hardier than of any other Rubus, either wild or cultivated of our acquaintance, growing fully exposed at 8000 feet altitude in Colorado. Choice collected stock 1-3 feet, \$3.00 per 100; \$25.00 per 1000; \$200.00 per 10,000.

Salvia azurea grandiflora. Large-flowering Blue

Sage. 2 feet. Magnificent, perfectly hardy sort, from Eastern Colorado. Flowers large, bright blue in ample terminal panicles. Fine nursery grown stock, \$5.00 per 100.

Solidago rigida. Golden Rod, 3 feet. This is the best large growing Golden Rod, large showy heads, handsome foliage and does not sucker or spread from the root which is a serious fault with many large sorts. Strong collected clumps \$3.00 per 100.

Stanleya pinnata. Cleome-flowered Wall Flower. 3 feet. A hardy perennial with the aspect of a Cleome, flowers deep golden yellow, an inch broad, in terminal spikes a foot or more in length. Foliage pale glaucus, pinnate. Belongs to Cruciferae. Choice collected stock, \$5.00 per 100.

Thalictrum Cornuti. Tall Meadow Rue. 5-8 feet. Foliage as delicate in appearance as a Maiden Hair Fern, yet of firm texture and large size, so it is exceedingly valuable in many places. Easily transplanted, and thrives in any rather light soil. The white flower sprays are esteemed for cutting. Strong clumps, \$4.00 per 100, \$30.0 per 1000.

Thermopsis montana. Yellow Lupine or Buffalo Pea. 1½ feet. One of the earliest yellow flowers, in long spikes, very fragrant, of easiest culture. \$3.50 per 100.

Thermopsis rhombifolia. Buffalo Pea. 1 foot. Resembles the last but blooms later. \$3.00 per 100; \$25.00 per 1,000.

#### GENERAL LIST OF SHRUBS AND PLANTS.

	PER 100	1000
Anemone patens Nuttallii. Large lilac flowers, cut silky foliage, clumps		\$20 00
Asclepias incarnata, 5 feet. Large umbels of rosy purple flowers		
Asclepias speciosa, 3 feet. Strong grower, purple umbels, broad foliage		
Apocynum androsaemifolium, 1 foot. Flowers pink and white bells, fragrant		
Artemisia arbuscula, 3 feet. New evergreen silvery shrub, very ornamental	<b>15</b> 00	
Artemisia filifolia, 2 feet. Shrub, feathery foliage, graceful flower sprays	6 00	
Artemisia frigida, 1 foot. Fine silvery fern-like foliage, for edgings	2 00	15 00
Artemisia Ludoviciana, 2 feet. White foliage, good for large masses	2 00	15 00
Aster laevis, 3 feet. Large sky blue flowers, smooth foliage, neat	2 50	
Aster commutatus, 2 feet. Rather large white flowers, dense racemes	3 00	
Aster Porteri, 1 foot. Snow white flowers, slender smooth growth; choice	2 00	16 00
Aster Fendleri, 1 foot. New unique dwarf, flowers large, rosy violet	5 00	
Berberis repens, 1 foot. Good covering shrub, sun or shade, evergreen	1 75	12 00
Calochortus Gunnisonii, 1 foot. Hardiest and best sort, white flowers	2 00	15 00
Campanula rotundifolia, 1 foot. Good ever blooming rockery or border plant	2 00	16 00
Ceanothus Fendleri, 1 foot. Extra hardy covering shrub, white flowers	3 00	20 00
Cheilanthes Fendleri, 8 inch. Rare evergreen terrestrial Fern. distinct	3 00	20 00
Chrysopsis villosa, 1 foot. Showy yellow aster-like flowers	2 00	
Corylus rostrata, 5-8 feet. For masses, banks, edge of woods, etc., best	2 50	15 00
Delphinium Scopulorum, 3 feet. Best dark blue, fine clumps.	4 00	
Eriogonum campanulatum, 1 foot. Golden Statice-like sprays, splendid	5 00	
Eriogonum umbellatum. Umbrella shaped flower clusters, evergreen	2 00	15 00
Eupatorium maculatum, 4 feet. Robust, with huge purple flower clusters		16 00
Frasera speciosa, 3 feet. Rigid erect habit, curious white flowers		
Geranium Fremontii, 1 foot. Handsome foliage, large purple flowers		
, , , , , , , , , , , , , , , , , , , ,		

	PER 100	1000
Gutierrezia Euthamiae, 1 foot. Hemispherical clumps of golden flowers		15 00
Helanthus Maxmillianus, 6 feet. Immense terminal panicles, grand sort	2 50	18 00
Helianthus pumilus, 2 feet. New dwarf sort, compact non-spreading habit	3 00	25 00
Helianthus rigidus, 4 feet. Slender, smooth, large, flowering, extra good	2 00	16 00
Helianthus laetiflorus, 4 feet. New semi-double, resembling the last	6 00	
Heuchera bracteata and parvifolia, 1 foot. Evergreen, either sort	3 00	
Hydrophyllum occidentale, 1 foot. Beautiful Fern like foliage, shade	3 00	
Iris Missouriensis, 1 foot. Large pale blue flowers, wet or dry soil	2 50	18 00
Krynitzkia Jamesii, 6 inch. Clusters white Heliotrope like flowers	5 00	
Leucocrinum montanum. Large white Lily-shaped flowers, fragrant, early	2 50	16 00
Lobelia syphlitica, 2 feet. Large blue flowers in spikes, moist soil	2 50	
Lythrum alatum, 2 feet. Beautiful purple spikes, all summer, wet soil	3 00	20 00
Malvastrum coccineum, 6 inches. Scarlet Mallow, hoary lobed foliage	3 00	
Oenothera brachycarpa. Acaulescent, flowers yellow, four inches across	2 50	20 00
Oenothera caespitosa. Very similar but flowers white, changing to rose	2 50	20 00
Onosmodium Carolinianum, 2 feet. Shaggy plant, white tubular flowers, new	3 00	20 00
Opulaster Torreyi, 3 feet. Shrub, ornamental foliage, white umbels, new	3 00	
Oxytropis Lamberti, 8 inches. Radical Wistaria-like crimson spikes, lovely	3 00	20 00
Oxytropis Lamberti spicata, 1 foot. Large spikes, flowers white, superb	4 00	
Pentstemon acuminatus, 2 feet. Large clear lilac flowers, distinct.	2 50	18 00
Pentstemon corruleus, 1 foot. Beautiful tints of sky blue, good	2 50	20 00
Pentstemon glaber, 3 feet. Purple to dark blue, very long spikes. Clumps	2 00	15 00
Pentstemon humilis, 1 foot. Numerous spikes, dark blue flowers	1 50	. 12 00
Petalostemon candidum, var. 1 foot. Seemingly distinct sort, flowers white	3 00	25 00
Petalostemon tenuifolium, 1 foot. Much branched, dense purple spikes	2 50	18 00
Phlox divaricata, 1 foot. Very early light blue flowers, sun or shade	3 00	
Phlox Douglasii. Creeping, flowers abundant, large, white to purple	2 00	16 00

	PER 100	1000
Phlox maculata, 3 feet. Late showy sort, purple flowers.	3 00	
Phragmitis communis, 8-10 feet. Gigantic plumed reed-like grass, wet soil	3 00	25 00
Potentilla glandulosa, 1 foot. Handsome foliage, large yellow flowers	2 00	14 00
Rudbeckia laciniata, fl. pl. Differs only in the very double flowers	3 00	
Rudbeckia laciniata. 5-8 feet. Large, neat foliage, yellow flowers	2 50	
Senicio Douglasii, 3 feet. Clouds of golden aster-like flowers, autumn	3 00	25 00
Senicio Fendleri, 1 foot. Neat sinuate evergreen foliage, yellow flowers	2 00	
Sidalcea candida, 3 feet. Beautiful palmate foliage, large white flowers	2 50	18 00
Solidago Canadensis, 5 feet, S. Missouriensis, 2 feet. Either sort	2 00	15 00
Symyhoricarpos occidentalis, 3 feet. White berries, prolific	2 00	16 00
Smilax herbaceae, 8 feet. Ornamental foliage, thornless, purple berries.	3 50	
Tradescantia Virginica occidentalis, 6 inches. Dwarf, long bloomer, clumps	2 00	16 00
Typha latifolia, 6 feet. Well known bog plant, strong stock	2 00	16 00
Verbena hastata, 5 feet. Small blue flowers in terminal racemes	3 00	
Yucca augustifolia, [gl vuca). Straight glaneus foliage, hardiest sort	5 00	
Zygadenus Nuttallii, 2 feet. Early pale yellow "Wild Hyacinth," extra good	2 50	18 00

#### TERMS.

These prices are net, but include all boxes and packing. We sell 25 at the hundred rate, or 250 at the thousand rate: Where less than 25 of a kind are required or on very large orders kindly submit a list for special estimate. All accounts are due promptly upon delivery of stock. We stand ready to give any possible information on any subject related to our business. Please give full shipping directions with your orders.